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October 13, 1988

ATKEARNEY

Mr. Ben R. Singh
Regional Project Officer
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, NY 10278

Reference: EPA Contract No. 68-01-7038; Work Assignment No.
R02-01-45; Atlantic Fleet Weapons Training Facility (LANT),
Vieques Island, Puerto Rico; Phase II RFA Report

Dear Mr. Singh:

PRD 980536 221

Enclosed is the Phase II RCRA Facility Assessment (RFA) report for the Atlantic Fleet Weapons Training facility (LANT), including the Eastern Maneuver Area, Camp Garcia, and the Inner Range, located on Vieques Island, Puerto Rico. This assessment resulted in the identification of 11 solid waste management units (SWMUs) and 8 areas of concern (AOCs).

The Atlantic Fleet Weapons Training facility (LANT) is comprised of three primary areas, including the Eastern Maneuver Area, Camp Garcia, and the Inner Range. The Navy acquired land on the eastern portion of Vieques Island in 1947 to conduct amphibious training exercises and maneuvers. In 1960, the Navy established naval gunfire support (NGFS) and air-to-ground (ATG) targets at the Inner Range area of the facility. Present activities include maintenance operations at Camp Garcia, ordnance training and disposal operations at the Inner Range, and, for approximately three months each year, training exercises at the Eastern Maneuver Area.

Based on a review of files from EPA and the Puerto Rico Board of Environmental Quality and observations made during the VSI, the potential for release and suggested further actions for SWMUs and AOCs have been developed. The primary units of concern include the closed Camp Garcia Landfill (SWMU 1), the Fuels Off-Loading Site (SWMU 2), and the Ordnance Firing Detonation Ranges (SWMUs 7, 9, and 11). Historical data concerning wastes disposed of in the units and the lack of soil and groundwater monitoring data indicate that these units may present a potential for release to the environment. In addition, the operation of several units (SWMUs 5, 6, 7, 8 and 10) on bare soil and without secondary containment structures represents a potential for release. There are no process areas at LANT Fleet which generate large quantities of hazardous waste. Small quantities of waste oils, batteries, and paints are managed at Camp Garcia and the Inner Range.

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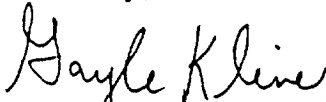
An investigation which entails soil, surface water, and sediment sampling and analyses, has been suggested for two units. These include:

1. Camp Garcia Landfill
3. Waste Explosive Ordnance Detonation Range

The investigation is suggested due to the fact that the units are unlined or operated on bare soil and that, based on available historical data, hazardous wastes or hazardous constituents have been disposed of in the units. Additional activities (e.g., additional soil sampling or groundwater investigation) may be suggested based on the outcome of these investigations. Verification of unit integrity or secondary containment is also suggested at several units (i.e., SWMUs 5, 6, 7, 8, and AOC A) to assess the potential for release of hazardous wastes or constituents. Soil sampling at these units will be dependent upon the results of these verification activities.

Please feel free to call me or Marvin Unger, the Work Assignment Manager (who can be reached at 409/690-9280), if you have any questions.

Sincerely,



Gayle Kline
Technical Director

Enclosure

cc: J. Gorman, EPA Region II
J. Levin
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J. Grieve
M. Unger, KWB

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